Amendment and Response
Applicant: Curtis Gregory Kelsay
Serial No.: 09/491,994
Filed: January 26, 2000
Docket No.: 10990356-1
Title: AN OPTICAL INTERLINK BETWEEN AN OPTICAL TRANSDUCER AND OPTICAL DATA PORT

end. Lens 83 collimates the light rays from the IR transducer for more efficient coupling and transmission through the light pipe. Lens 82 at the window increases the angle of illumination 79 of light exiting the window thereby creating an acceptable "viewing" angle distribution of the light rays as they exit the printer.--

IN THE ABSTRACT

Please replace the Abstract beginning at page 8, line 1, with the following rewritten Abstract:

--An optical interlink made from an optical transducer capable of optically exchanging information. Information to and from the optical transducer passes through a light pipe transducer end and an optical data port end. The optical light pipe consists of separate transmit and receive light pipes. To reduce losses as a result of the light pipe transmission, thereare lenses formed to collimate light between the transducer end of the light pipe and the optical transducer. The collimating lenses are formed in the light pipe. There are also provided additional lenses on the optical data port side of the light port. Transmitted light from the light pipe passes through a lens that increases the illumination angle of the light exiting from the optical data port. Received light passes through a lens that amplifies and collimates the light into the receiving light pipe.--

IN THE CLAIMS

Please cancel claims 1-19 without prejudice.

Please add new claims 20-39 as follows:

20.   (New) A light pipe assembly adapted to optically exchange information between an optical transducer and an optical data port, the light pipe assembly comprising:

a transmit light pipe adapted to optically transmit information from the optical transducer to the optical data port; and

a receive light pipe adapted to receive information via the optical data port and optically transmit the received information to the optical transducer.